

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/567,403  
Source: PCG  
Date Processed by STIC: 2/10/06

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/567,403</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleics <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>	
5 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for <b>each</b> skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES." response to <b>include</b> the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the <b>only valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) <input type="checkbox"/> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is <b>MANDATORY</b> if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can <b>only</b> represent a single <u>nucleotide</u> ; "Xaa" can <b>only</b> represent a single <u>amino acid</u>	



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/567,403

DATE: 02/10/2006  
TIME: 08:46:28

Input Set : A:\P34235A.txt  
Output Set: N:\CRF4\02102006\J567403.raw

3 <110> APPLICANT: CSS- Albachem Limited  
4 Cotton, Graham  
6 <120> TITLE OF INVENTION: Ligation Method  
8 <130> FILE REFERENCE: P34235A  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/567,403  
C--> 11 <141> CURRENT FILING DATE: 2006-02-03  
13 <150> PRIOR APPLICATION NUMBER: GB 0318276.3  
14 <151> PRIOR FILING DATE: 2003-08-05  
16 <150> PRIOR APPLICATION NUMBER: GB 0320122.5  
17 <151> PRIOR FILING DATE: 2003-08-28  
19 <160> NUMBER OF SEQ ID NOS: 6  
21 <170> SOFTWARE: PatentIn version 3.3

## ERRORED SEQUENCES

256 <210> SEQ ID NO: 6  
257 <211> LENGTH: 11  
258 <212> TYPE: PRT  
259 <213> ORGANISM: Artificial  
261 <220> FEATURE:  
262 <223> OTHER INFORMATION: Synthetic peptide corresponding to the c-myc MAXIMUM epitope sequence was synthesized whereby pyruvic acid was coupled to the amino terminus of the peptide as the last step of the assembly  
263 synthesized GEQKLISEED-NH<sub>2</sub> whereby pyruvic acid was coupled to  
264 the amino terminus of the peptide as the last step of the  
265 assembly  
268 <220> FEATURE:  
269 <221> NAME/KEY: MOD\_RES  
270 <222> LOCATION: (11)..(11)  
271 <223> OTHER INFORMATION: AMIDATION  
273 <400> SEQUENCE: 6  
275 Gly Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
276 1 . . . . . 5 10  
E--> 282 2

delete

Does Not Comply  
Corrected Diskette Needed

for 1-3

FYI: Per 1823 of Sequence Rules,  
a MAXIMUM

for 2237  
response

(don't use  
TAB codes)

10/567,403

2

SEQUENCE LISTING

Charge  
to  
↓  
<110> CSS- Albachem Limited

Cotton, Graham

<120> Ligation Method

<130> P34235A

<1507> <140> PCT/GB2004/003391  
<1517> <141> 2004-08-05

These are prior date

10/562,403 3

<210> 1  
<211> 27  
<212> PRT  
<213> Artificial

<220>  
<223> AS626p1A

please give source of genetic material

(see item 11 on Env Summary  
sheet)

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/567,403

DATE: 02/10/2006  
TIME: 08:46:29

Input Set : A:\P34235A.txt  
Output Set: N:\CRF4\02102006\J567403.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16  
L:282 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6